

Attorney Docket No. 677/44948  
PATENT

10/581894

JUN 6 2006

AP3 Rec'd PCT/PTO 06 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wilfried MACKEL et al. Conf. No.: Not yet assigned  
Serial No.: National Stage of Art Unit: Not yet assigned  
PCT/EP2005/010158  
Filed: Concurrently Herewith Examiner: Not yet assigned  
For: SEPARATOR HAVING A CENTRIFUGAL DRUM AND A PISTON SLIDE

**SUBMISSION UNDER 37 C.F.R. §1.56, §1.97 & §1.98**  
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

BARNES & THORNBURG CUSTOMER NO.:

**23646**

U.S. PATENT AND TRADEMARK OFFICE

Sir:

To comply with the duty of disclosure set forth in 37 C.F.R. §1.56, the prior art listed on the attached PTO-1449 is submitted herewith to the Examiner for consideration in connection with the examination of the above-identified application.

Documents AA-AC and AO-AQ are cited in the International Search Report.

Document AA (US Patent Application Publication No. 2005/0143245) is equivalent to Document AP (DE 102 20 757).

Document AB (US 3,550,843) is equivalent to Document AQ (DE 1 909 996).

English language abstracts are provided for Documents AO and AP.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 02-1010 (677/44948).

Respectfully submitted,



Richard P. Krinsky  
Registration No. 47,720  
(202) 289-1313

BARNES & THORNBURG LLP  
750 17<sup>th</sup> Street, N.W., Suite 900  
Washington, DC 20006-4675

Enclosures  
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<small>FORM PTO-1449</small> <small>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</small>		<b>ATTY. DOCKET NO.</b> 677/44948	<b>SERIAL NO.</b> NATIONAL STAGE OF PCT/EP2005/010158
<b>LIST OF DOCUMENTS CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		<b>APPLICANT</b> WILFRIED MACKEL ET AL.	
		<b>FILING DATE</b> CONCURRENTLY HEREWITH	<b>GROUP</b> NOT YET ASSIGNED

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2005/0143245	06/30/2005	KOHLSTETTE ET AL.			
	AB	3,550,843	12/29/1970	HOFFMANN			
	AC	5,916,083	06/29/1999	BJÖRKSTRÖM			
	AD						
	AE						
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	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AO	EP 1 384 511 A2	01/28/2004	EUROPE				Abs.
	AP	DE 102 20 757 A1	11/27/2003	GERMANY				Abs.
	AQ	DE 1 909 996	01/08/1970	GERMANY				
	AR							
	AS							
	AT							
	AU							
	AV							

## OTHER PRIOR ART (Including Author, Title, Date Pertinent Pages, Etc.)

	AW	
	AX	
	AY	
	AZ	

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.